

Contents Volume 137 (2000)

ExpresSed

- Millennial- to decadal-scale fluctuation in the paleo-Kuroshio Current documented in the Middle Pleistocene shelf succession on the Boso Peninsula, Japan
M. Ito and K. Horikawa 1

Research papers

- Annual layering in the Upper Jurassic Kimmeridge clay formation, UK, quantified using an ultra-high resolution SEM-EDX investigation
M. H. Chambers, D. S. L. Lawrence, B. W. Sellwood and A. Parker 9
- Late Pleistocene barrier-island development reconstructed from genetic classification and timing of erosional surfaces, paleo-Tokyo Bay, Japan
T. Nishikawa and M. Ito 25
- Sedimentary patterns across the Lower-Middle Cambrian transition in the Esla nappe (Cantabrian Mountains, northern Spain)
J. J. Álvaro, E. Vennin, E. Moreno-Eiris, A. Perejón and T. Bechstäd 43
- Eolian dunes of the Botucatu Formation (Cretaceous) in southernmost Brazil: morphology and origin
C. M. S. Scherer 63
- Geochemistry of central Tethyan Upper Permian and Lower Triassic strata, Abadeh region, Iran
E. Heydari, J. Hassanzadeh and W. J. Wade 85

ExpresSed

- An investigation into possible facies changes across the Triassic-Jurassic boundary in southern Tibet
A. Hallam, P. B. Wignall, J. Yin and J. B. Riding 101

Research papers

- Iron bacterial and fungal mats, Bajocian stratotype (Mid-Jurassic, northern Normandy, France)
A. Pr  at, B. Mamet, C. De Ridder, F. Boulvain and D. Gillan 107
- Carbonate deposition in mixed siliciclastic-carbonate environments on top of an orogenic wedge (Late Cretaceous, Northern Calcareous Alps, Austria)
D. Sanders and R. H  fing 127
- Carboniferous sand provenance in the Pennine Basin, UK: constraints from heavy mineral and detrital zircon age data
C. R. Hallsworth, A. C. Morton, J. Clau  -Long and C. M. Fanning 147
- Biomarkers as environmental indicators in a carbonate complex, example from the Middle to Upper Devonian, Holy Cross Mountains, Poland
L. Marynowski, M. Narkiewicz and C. Grelowski 187
- The use of environmental markers to distinguish marine vs. continental deposition and to quantify the significance of recycling in evaporite basins
C. Taberner, D. I. Cend  n, J. J. Pueyo and C. Ayora 213

Book reviews

- Fluvial Sedimentology VI. N.D. Smith, J. Rogers (Eds.); International Association of Sedimentologists Special Publication 28, 1999, 478 pages
A.D. Miall 241
- Sedimentology and Sedimentary Basins: From Turbulence to Tectonics. Mike Leeder; Blackwell Science, 1999, XVI + 592 pp., ISBN 0-632-04976-6
Keith A.W. Crook 245
- Author index volume 137 247
- Contents volume 137 249



